

DESCRIPTION

INK CONTAINER

Technical Field

[0001]

The present invention relates to an ink container which is used by being mounted on a printing device and, more particularly, to an ink container which enables precipitates of coarse-grained ink etc. standing in an ink container body to be positively left in the ink container body.

Background Art

[0002]

In a case where ink is stored for a long period of time in an ink container, in a case where due to the low frequency of use of a printing device, the ink in the ink container mounted on the printing device is not consumed for a long period of time, and in other cases, the ink used in the printing device may sometimes change with time in the ink container.

[0003]

For example, (a) in the case of pigment ink, coarse-grained ink is generated due to the condensation of a pigment, and this coarse-grained ink precipitates in the ink container. (b) Also, there is a case where foreign matter which has mixed during the manufacturing of ink precipitates in the ink container. (c) Furthermore, there is also a case where in some combinations of ink and the material for the ink container, added components of the material precipitate are deposited and precipitate in the ink container.

[0004]

This kind of ink containers which store the ink used in a printing device, are disclosed, for example, in Japanese Patent Laid-Open No. 4-214361, Japanese Patent Laid-Open No. 2001-199455 and Japanese Patent Laid-Open No. 6-211273.

[0005]